

# Abstract of the Disclosure

B-tris(silylvinyl)borazine is pyrolysed as a borazine precursor for the production of a B/N/C/Si ceramic. A high-temperature ceramic is obtained by means of a further pyrolysis at higher temperatures after a pre-pyrolysis, which is of high purity and essentially free of pores. The ceramic furthermore contains essentially no oxygen and is particularly suitable as a coating material and for the production of heating elements.